TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371**

21415-0015US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/534,130

INTERNATIONAL APPLICATION NO. PCT/AU03/01487

INTERNATIONAL FILING DATE 10 November 2003 (10.11.2003) PRIORITY DATE CLAIMED 08 November 2002 (08.11.2002)

IIILE		IETHOD FOR OPTIMISING GENE EXPRESSION USING SYNONYMOUS CODON OPTIMISATION								
APPLICANT(S) FOR DO/EO/US										
	Ian Hector FRAZER									
Appli	cant he	erewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2.	\boxtimes	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3.		This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.								
4.		The US has been elected (Article 31).								
5.		A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a.	is attached hereto (required only if not communicated by the International Bureau).								
	b.	has been communicated by the International Bureau.								
	c.	is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.		A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a.	is attached hereto.								
	b.	has been previously submitted under 35 U.S.C. 154(d)(4).								
7.	□ a.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau).								
	b.	had been communicated by the International Bureau.								
	c.	have not been made; however, the time limit for making such amendments has NOT expired.								
	d.	have not been made and will not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items	11 to	20. below concern document(s) or information included:								
11.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included								
13.		A preliminary amendment.								
14.		An Application Data Sheet under 37 CFR 1.76.								
15.		A substitute specification.								
16.		A power of attorney and/or address letter.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 132 and 37 CFR 1.821-1825								
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4)								
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20.		Other items or information: copy of Notice (dated 3/10/06)								

U.S. APPLICATION NO. (IF	KNOWN, SEE 37 CFR 1.		INTERNATIONAL APPLICA	MOIT.	10.	ATTORNEY'S DOCKET NUMBER					
	10/534,130		PCT/A	U03/	01487	21415-0015US					
21. The following	g fees are submitted:					CALCULATIONS PTO USE ONLY					
	a) Basic national fee	91									
I	b) Examination fee	=									
	c) Search fee	681641									
<u> </u>	c) Search rec										
	TO	69/28/2886 BCAMPREL 688888883.									
☐ Additiona	I fee for specification and d	5 1. 66888 735.68									
sequence for each a	listing or computer progran dditional 50 sheets of paper	》 전 23									
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TOTAL SHEETS	EXTRA SHEETS	additional 5	0 or fraction thereof		RATE	엁					
	150 -	rounded up	to a whole number)		x \$250.00	3886					
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	e (37 CFR 1.492(e)).	deciaration is	itel man 50 months ite)III LIIC	camesi	\$ 68					
CLAIMS	NUMBER FILED	NU	MBER EXTRA		RATE						
Total claims	- 20 =			х	\$50.00	\$					
Independent claims	- 3 =			X	\$200.00	\$					
MULTIPLE DEPE	NDENT CLAIM(S) (if appl	licable)		+	\$360.00	\$	<u></u>				
	TOT	AL OF A	BOVE CALCUI	LAT	IONS =	\$					
Applicant cla	ims small entity status. See		\$								
are reduced b	¥ /2.		S	UB'	TOTAL =	\$					
Processing fee of \$1	30.00 for furnishing the En	ıglish translati	on later than 30 month	ıs froi	n the earliest	· · · · ·					
claimed priority dat	e (37 CFR 1 497(A)		TOTAL NATI	ON.	+ +						
			TOTAL NATION		AL FEE =	\$					
	e enclose assignment (37 C appropriate cover sheet (37				+	\$					
			OTAL FEES EN		OSED =	\$ (\$0 fees due)					
						Amount to be refunded:	\$				
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						charged:	\$				
a.	in the amount of \$		to cover th	ne abo	ve fees is enclos	sed.					
b. Please cl	harge my Deposit Account	No	in the amo	unt o	f	to cover the above fees.					
A duplic	ate copy of this sheet is end	closed.									
•	nmissioner is hereby author		any additional fees w	hich 1	nay be required,	or credit any overpa	yment				
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not be in	ncluded on this form. Prov	ide credit car	d information and auth	oriza	tion on PTO-203	38.					
	appropriate time limit un			et, a p	etition to reviv	e (37 CFR 1.137(a) o	or (b)) must be				
ľ	o restore the application t ESPONDENCE TO:	to pending sta	itus.								
SEIND ALL CORR	LSI ONDENCE IU.		2								
HELLER E	HRMAN LLP		SIGNATURE	<i>(</i>),	Granas	1 p 3/20/06					
1717 Rhode Is	sland Avenue, N.W.		(<i>,</i> ~ ·	72.02						
Washington,	DC 20036		NAME Date								
Customer No.	: 26633										
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1			33.683								



26633

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEFARINGENT OF COMMIT United States Patent and Trademark Office Addres: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO.

10/534,130 Ian Hector Frazer

21415-0015

INTERNATIONAL APPLICATION NO.

PCT/AU03/01487

I.A. FILING DATE

PRIORITY DATE

11/10/2003

11/08/2002

CONFIRMATION NO. 8451 371 FORMALITIES LETTER *OC000000018255745*

Date Mailed: 03/10/2006

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 05/06/2005
- Copy of the International Search Report filed on 05/06/2005
- Copy of IPE Report filed on 05/06/2005

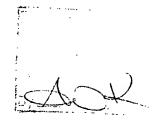
HELLER EHRMAN WHITE & MCAULIFFE LLP

1717 RHODE ISLAND AVE, NW **WASHINGTON, DC 20036-3001**

- Copy of Annexes to the IPER filed on 05/06/2005
- Preliminary Amendments filed on 12/30/2005
- Information Disclosure Statements filed on 12/30/2005
- Biochemical Sequence Diskette filed on 12/30/2005
- Oath or Declaration filed on 12/30/2005
- Biochemical Sequence Listing filed on 12/30/2005
- Copy of references cited in ISR filed on 12/30/2005
- U.S. Basic National Fees filed on 05/06/2005
- Priority Documents filed on 05/06/2005
- Power of Attorney filed on 12/30/2005
- Specification filed on 05/06/2005
- Claims filed on 05/06/2005
- Abstracts filed on 05/06/2005
- Paper nucleotide sequence listings filed on 05/06/2005

Applicant's response filed 12/30/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 09/30/2005 have not been completed.

• A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR



1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time Ilmit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever Is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.		
10/534,130	PCT/AU03/01487	21415-0015		

FORM PCT/DO/EO/916 (371 Formalities Notice)



STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	
Source:	PGT
Date Processed by STIC:	01/31/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
 U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

		SERIAL NUMBER: 10/534, 130							
ERROR DETECTED	SUGGESTED CORRECTION	serial number: 10/534, 130							
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWA									
1Wrapped Nucleics Wrapped Aminos		"wrapped" down to the next line. This may occur if your file receating it. Please adjust your right margin to .3; this will							
2Invalid Line Length	The rules require that a line not exceed	172 characters in length. This includes white spaces.							
3Misaligned Amino Numbering	The numbering under each 5 th amino a use space characters, instead.	cid is misaligned. Do not use tab codes between numbers;							
4Non-ASCII	The submitted file was not saved in As ensure your subsequent submission is	SCII(DOS) text, as required by the Sequence Rules. Please s saved in ASCII text.							
5Variable Length	each n or Xaa can only represent a s	epresenting more than one residue. Per Sequence Rules, ingle residue. Please present the maximum number of each cate in the <220>-<223> section that some may be missing.							
6PatentIn 2.0 "bug"	sequences(s) Normally, previously coded nucleic acid sequence	PatentIn would automatically generate this section from the Please manually copy the relevant <220>-<223> section to This applies to the mandatory <220>-<223> sections for							
7Skipped Sequences (OLD RULES)	(2) INFORMATION FOR SEQ ID NO (i) SEQUENCE CHARACTER	onal, please insert the following lines for each skipped sequence: 2:X: (insert SEQ ID NO where "X" is shown) ISTICS: (Do not insert any subheadings under this heading) 2:ID NO:X: (insert SEQ ID NO where "X" is shown)							
	Please also adjust the "(ii) NUMBER (OF SEQUENCES:" response to include the skipped sequences.							
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intent <210> sequence id number <400> sequence id number 000	ional, please insert the following lines for each skipped sequence.							
9Use of n's or Xaa's (NEW RULES)		cted in the Sequence Listing. 20>-<223> is MANDATORY if n's or Xaa's are present. ain location of n or Xaa, and which residue n or Xaa represents.							
10Invalid <213> Response	· -	valid <213> responses are: Unknown, Artificial Sequence, or >-<223> section is required when <213> response is Unknown or							
Use of <220>	Use of <220> to <223> is MANDATO "Unknown." Please explain source of programmer of the second secon	0> "Feature" and associated numeric identifiers and responses. RY if <213> "Organism" response is "Artificial Sequence" or genetic material in <220> to <223> section. ol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)							
PatentIn 2.0 "bug"	resulting in missing mandatory numeric	ion of PatentIn version 2.0. This causes a corrupted file, identifiers and responses (as indicated on raw sequence ger" or any other manual means to copy file to floppy disk.							
13 Misuse of n/Xaa	"n" can only represent a single nucleoti	de; "Xaa" can only represent a single amino acid							



PCT

RAW SEQUENCE LISTING DATE: 01/31/2006
PATENT APPLICATION: US/10/534,130 TIME: 16:12:34

Input Set : A:\PTO.TS.31.txt

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3 <110> APPLICANT: Ian Hector Frazer
      5 <120> TITLE OF INVENTION: A method for optimising gene expression using
              synonymous codon optimisation
      8 <130> FILE REFERENCE: 21415-0015US
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/534,130
     11 <141> CURRENT FILING DATE: 2005-05-06
     13 <150> PRIOR APPLICATION NUMBER: PCT/AU2003/001487
                                                                Does Not Comply
    14 <151> PRIOR FILING DATE: 2003-11-10
                                                                Corrected Diskette Needed
    16 <150> PRIOR APPLICATION NUMBER: USSN 60/425,163
    17 <151> PRIOR FILING DATE: 2002-11-08
                                                                   (pg-3,415)
    19 <160> NUMBER OF SEQ ID NOS: 126.
    21 <170> SOFTWARE: PatentIn version 3.2
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    26 <213> ORGANISM: Artificial Sequence
    28 <220> FEATURE:
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    32 <220> FEATURE:
    33 <221> NAME/KEY: CDS
    34 <222> LOCATION: (1)..(711)
    36 <400> SEQUENCE: 1
    37 agc aag ggc gag gaa ctg ttc act ggc gtg gtc cca att ctc gtg gaa
                                                                               48
    38 Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val Glu
                                            10
    41 ctg gat ggc gat gtg aat ggg cac aaa ttt tct gtc agc gga gag ggt
                                                                              96
    42 Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu Gly
                    20
                                        25
    45 gaa ggt gat gcc aca tac gga aag ctc acc ctg aaa ttc atc tgc acc
                                                                             144
    46 Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys Thr
    49 act gga aag ctc cct gtg cca tgg cca aca ctg gtc act acc ttc tct
                                                                             192
    50 Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr Phe Ser
    53 tat ggc gtg cag tgc ttt tcc aga tac cca gac cat atg aag cag cat
                                                                             240
    54 Tyr Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys Gln His
                            70
                                                75
    57 gac ttt ttc aag agc gcc atg ccc gag ggc tat gtg cag gag aga acc
                                                                             288
    58 Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu Arg Thr
                        85
                                            90
    61 atc ttt ttc aaa gat gac ggg aac tac aag acc cgc gct gaa gtc aag
                                                                             336
    62 Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val Lys
    63
                    100
                                        105
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RAW SEQUENCE LISTING DATE: 01/31/2006 PATENT APPLICATION: US/10/534,130 TIME: 16:12:34

Input Set : A:\PTO.TS.31.txt

	ttc Phe																384
	ttt Phe																432
74	aac Asn 145																480
	aag Lys				_		_					_				_	528
82 83	ctg Leu	Ala	Asp	His 180	Tyr	Gln	Gln	Asn	Thr 185	Pro	Ile	Gly	Āsp	Gly 190	Pro	Val	576
	ctc Leu																624
	gat Asp			_	_	_	_		_	-	_	_					672
94 95	gct Ala 225	Ala	Gly	Ile	Thr			_	_		_		_	tga			714
99 100	<210 <211 <21	> LE 2> T	NGTH YPE:	I: 23 PRI	7												
103	<21 <22 <22	0 > F	EATU	JRE:				_									
	<40					Τ 0.1	Dho	The		. 17-1	17-1	Dro	. Tla	Tou	. 37-3	Glu	
109		пус	, Gry	GIU	5	. Leu	PILE	. 1111	GIY	10	. vai	PIC	, 116	neu	15	. Gru	
113		_		20					25					30		Gly	
116 117		Gly	Asp 35) Ala	Thr	Tyr	GIY	. Lys 40	Leu	Thr	Leu	. PAs	Pne 45	He	. Cys	Thr	
120 121		Gly 50	Lys	Leu	Pro	Val	Pro 55	Trp	Pro	Thr	Leu	Val	Thr	Thr	Phe	Ser	
124	Tyr 65		Val	Gln	Cys	Phe		Arg	Tyr	Pro	Asp		Met	Lys	Gln	His	
	Asp	Phe	Phe	Lys	Ser 85		Met	Pro	Glu	Gly 90		Val	Gln	Glu	Arg	Thr	
132 133	Ile	Phe	Phe	Lys 100		Asp	Gly	Asn	Tyr 105		Thr	Arg	Ala	Glu 110		Lys	
137			115	_				120					125	_		_	
140 141	Phe	Lys	Glu	Asp	Gly	Asn	Ile 135		Gly	His	Lys	Leu 140		Tyr	Asn	Tyr	

RAW SEQUENCE LISTING DATE: 01/31/2006 PATENT APPLICATION: US/10/534,130 TIME: 16:12:34 Input Set : A:\PTO.TS.31.txt Output Set: N:\CRF4\01312006\J534130.raw 144 Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly Ile 145 145 150 148 Lys Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser Val Gln 165 170 152 Leu Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val 153 180 185 156 Leu Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser Lys 157 195 200 205 160 Asp Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe Val Thr 210 215 164 Ala Ala Gly Ile Thr His Gly Met Asp Glu Leu Tyr Lys Journalid Response.

Journalid Response.

John Scholarian. See Stem

genetic Haltrian. See Stem

genetic ron Error Summany

Sheet. 230 165 225 168 <210> SEQ ID NO: 3 169 <211> LENGTH: 18 170 <212> TYPE: DNA 171 <213> ORGANISM: Artificial Sequence 173 <220> FEATURE: 174 <223> OTHER INFORMATION Ala(GCA)x6 177 <220> FEATURE: 178 <221> NAME/KEY: CDS 179 <222> LOCATION: (1)..(18) 181 <400> SEQUENCE: 3 182 gca gca gca gca gca 18 183 Ala Ala Ala Ala Ala 184 1 187 <210> SEQ ID NO: 4 188 <211> LENGTH: 6 189 <212> TYPE: PRT 190 <213> ORGANISM: Artificial Sequence 192 <220> FEATURE: Ala(GCA)x6 193 <223> OTHER INFORMATION: 195 <400> SEQUENCE: 4 Same Error 197 Ala Ala Ala Ala Ala 201 <210> SEQ ID NO: 5 202 <211> LENGTH: 18 203 <212> TYPE: DNA 204 <213> ORGANISM: Artificial Sequence 206 <220> FEATURE: 207 <223> OTHER INFORMATION: 'Ala(GCG)x6 210 <220> FEATURE: 211 <221> NAME/KEY: CDS 212 <222> LOCATION: (1)..(18) 214 <400> SEQUENCE: 5

215 gcg gcg gcg gcg gcg 216 Ala Ala Ala Ala Ala

220 <210> SEQ ID NO: 6 221 <211> LENGTH: 6

217 1

18

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,130

DATE: 01/31/2006 TIME: 16:12:34

Input Set : A:\PTO.TS.31.txt

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223 <213> ORGANISM: Artificial Sequence
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228 <400> SEQUENCE: 6
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                                                     Same Error
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291 <220> FEATURE:
292 <223 > OTHER INFORMATION: (Ala(GCC) x6
294 <400> SEQUENCE: 10
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,130

DATE: 01/31/2006 TIME: 16:12:34

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310 <221> NAME/KEY: CDS
311 <222> LOCATION: (1)..(18)
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                                                                          18
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325 <223> OTHER INFORMATION: Arg (AGA) x6
327 <400> SEQUENCE: 12
329 Arg Arg Arg Arg Arg
330 1
333 <210> SEQ ID NO: 13
334 <211> LENGTH: 18
                                                    game Earor
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION
                            Arg (CGA) x6
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343 <221> NAME/KEY: CDS
344 <222> LOCATION: (1)..(18)
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                                                                          18
348 Arg Arg Arg Arg Arg
349 1
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353 <211> LENGTH: 6
354 <212> TYPE: PRT
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363 1
366 <210> SEQ ID NO: 15
367 <211> LENGTH: 18
368 <212> TYPE: DNA
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/534,130

DATE: 01/31/2006

TIME: 16:12:35

Input Set : A:\PTO.TS.31.txt

Output Set: N:\CRF4\01312006\J534130.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number